LED Outdoor Luminaires
Sconce – Wall Mount
120-277VAC / 60Hz

Model #: CELWxxxxLAJUDxx

Safety Precautions

- Read all safety precautions and installation instructions carefully before installing or servicing this fixture. Failure to comply with these instructions could result in potentially fatal electric shock and/or property damage.
- It is recommended that a qualified electrician perform all the wiring. This fixture must be wired in accordance with all national and local electrical codes.
- Do not handle any energized fixture or attempt to energize any fixture with wet hands or while standing on a wet or damp surface or in water.
- This fixture is designed for use in a 120-277VAC, 60Hz circuit. This fixture is compatible with Triac (forward-phase or leading edge) / ELV (reverse phase or trailing edge) and 0-10V dimming circuit.
- Make sure that the power source conforms to the requirements of the fixture. (See labels on the fixture housing).
- To reduce the risk of electrical shock, and to assure proper operation, this fixture must be adequately grounded. To accomplish proper grounding, there must be a separate ground wire (green) contact between this fixture and the ground connection of your main power supply panel.
- This fixture is intended to be used for general outdoor lighting in dry, damp, or wet locations. For wet locations, fixture must be mounted at least 48 inches above ground level. Not for submersible.
- Disclaimer

  Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules and Canadian ICES-005 (B) / NMB-005 (B). These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiver antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult with the dealer or an experienced radio/TV technician for help.

  Any modifications to this fixture may void the warranty and interfere with the safe operation of the luminaire.
  Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

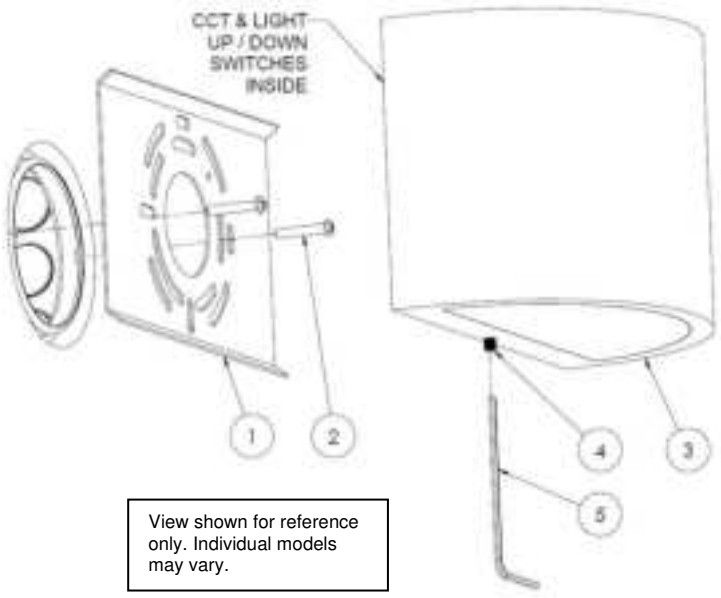
Assembly Instructions

Step 1 – Preparing for installation

A. **Disconnect electrical power** at the fuse or circuit breaker box before installing or servicing any part of this fixture.
B. Carefully remove the fixture and hardware kit from the carton.
C. Remove components from the hardware kit.
D. Separate the mounting bracket (1) from the fixture (3) by loosening set screw (4) using hex tool (5). Note: do not remove set screw from the fixture.
E. Install the mounting bracket (1) to the 3-0 or 4-0 junction box (not included) using two screws (2) to secure it.

Wiring – All wiring must take place inside the junction box (not included)

Caution: Make sure power is off at the fuse or circuit breaker box. Check power wires for damage or scrapes. If power supply wires are within three inches of the LED driver, use wire suitable for at least 90°C (194°F). **Note:** Most dwellings built before 1985 have supply wire rated to 60°C. Consult a qualified electrician to ensure correct branch circuit conductor before installing.



View shown for reference only. Individual models may vary.

Step 2 – Wiring fixture

A. Make all wire connections to appropriate wire. Secure with wire nuts (provided).
B. Connect the green wire from the fixture to the supply power source ground wire.
C. **For non-dimming.** Connect the white wire from the fixture to the white (N) wire from the supply power source. Connect the black wire from the fixture to the black (L) wire from the supply power source. Pink and purple wires are not to be used and must be individually capped to prevent shorting.
D. **For TRIAC dimming.** Connect the white wire from the fixture to corresponding neutral (N) wire in accordance with the dimmer manufacturer instructions. Connect the black wire from the fixture to the corresponding control line (L) wire in accordance with the dimmer manufacturer instructions. Pink and purple wires are not to be used and must be individually capped to prevent shorting.
E. **For 0-10V dimming.** Connect the pink wire from the fixture to the dimmer source gray or pink wire. Connect the purple wire from the fixture to the dimmer source purple wire. Connect the white wire from the fixture to the neutral (N) wire from the dimming supply power source per dimmer wiring instructions. Connect the black wire from the fixture to the control line (L) wire from the dimmer supply power source per dimmer wiring instructions.
F. **Do not mix wires.** Pull on each wire lead to make sure connections are secure. Make certain no bare wires are exposed outside of wire connectors. Tuck all connections neatly into the junction box.

Step 3 – Color Changing Temperature Adjustment, CCT (if desired)

A. CCT switch is located behind the fixture. Adjust switch to desired temperature of 2700K, 3000K, 3500K, 4000K, or 5000K as seen below. Note: Fixture is preset to 3000K from factory. Power to the fixture must always be turned OFF prior to adjusting the CCT switch.

• 2700K
•3000K
•3500K
•4000K
•5000K

Step 4 – Light Up or Down Option

A. Light switch is located behind the fixture. Adjust light switch to desire up or down. Note: Fixture is preset to both up/down to be On from factory.

Step 5 – Mounting fixture

A. Install the fixture (3) by slanting top of the fixture onto the mounting bracket to engage top support then push bottom into the wall until flush and tighten the set screw (4) with hex tool (5) to secure it.

Step 6 – For wet application

A. Apply a small amount of silicone (not included) per manufacturer's recommendation around the perimeter of the fixture (3) where it contacts with the surface of the wall but not on the bottom.

Step 7 – Restore power at the fuse or circuit breaker box

Limited Factory Warranty
AFX Inc. hereby warrants that this fixture is free from defects in materials and workmanship when installed and used under normal operating conditions for a period of 5 years from date of purchase. This warranty covers all component parts and extends only to replacement of defective fixture or components; it does not cover failure due to improper installation, misuse, mishandling or damage incurred in transit.

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